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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/811,597	
	Filing Date	March 29, 2004	
	First Named Inventor	Prasher, Ravi S.	
	Art Unit	2841	
	Examiner Name	Bui, Hung S.	
Total Number of Pages in This Submission		Attorney Docket Number	P18285

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to (TC)
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO Form 1449, copy of International Search Report, 2 foreign patent cited references and Acknowledgement Postcard.
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<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Buckley, Maschoff & Talwalkar LLC		
Signature	<i>Nathaniel Levin</i>		
Printed name	Nathaniel Levin		
Date	October 14, 2005	Reg. No.	34,860

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Signature	<i>Edith Martin</i>		
Typed or printed name	Edith Martin	Date	October 14, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: PRASHER

Application No.: 10/811,597

Filing Date: March 29, 2004

For: COOLING AN INTEGRATED
CIRCUIT DIE WITH COOLANT
FLOW IN A MICROCHANNEL
AND A THIN FILM
THERMOELECTRIC COOLING
DEVICE IN THE MICROCHANNEL

)
) Group Art Unit: 2625

)
) Examiner: Bui, Hung S.

) **INFORMATION DISCLOSURE**
) **STATEMENT**

) Attorney Docket No.: P18285

) **PTO Customer Number 28062**
) Buckley, Maschoff & Talwalkar LLC
) Five Elm Street
) New Canaan, CT 06840

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 14, 2005.

Dated: October 14, 2005

By:


Edith Martin

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants submit herewith patents, publications or other information of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation that a thorough search has been made, an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. Nor



Application Serial No.: 10/811,597
Attorney Docket No.: P18285

shall the filing of this Information Disclosure Statement be construed as an admission against interest in any manner.

This Information Disclosure Statement is filed in accordance with 37 CFR §§1.56, 1.97 and 1.98. The items listed on the accompanying Form PTO-1449 may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items listed on the enclosed copy of Form PTO-1449 and to independently ascertain their teaching.

The items listed herein were cited in a October 10, 2005 International Search Report in a counterpart PCT application. A copy of the Search Report is also enclosed.

No fee is believed to be due under 37 CFR §1.17(p) for this Information Disclosure Statement since each item listed herein was first cited in a communication from a foreign patent office in a counterpart application not more than three months prior to the below-listed date

Respectfully submitted,

October 14, 2005
Date

Nathaniel Levin
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number

10/811.597

Filing Date

March 29, 2004

First Named Inventor

PRASHER, Ravi

Group Art Unit

2841

Examiner Name

Bui, Hung S.

Attorney Docket Number

P18285

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/811,597
				Filing Date	March 29, 2004
				First Named Inventor	PRASHER, Ravi
				Group Art Unit	2841
				Examiner Name	Bui, Hung S.
Sheet	2	of	2	Attorney Docket Number	P18285

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"PCT Notification of Transmittal of the International Search Report", mailed October 10, 2005, for PCT/US2005/010177	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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